PARTICLE TRAP FOR SEPARATING PARTICLES FROM THE FLOW OF A LIQUID, METHOD FOR SEPARATING PARTICLES FROM THE FLOW OF A LIQUID AND USE OF SAID PARTICLE TRAP

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Abstract of **WO 0200326 (A2)**

The invention relates to a particle trap for separating particles from the flow of a liquid and to a method for separating particles from the flow of a liquid. A liquid flow comprising particles is circulated through a flow channel (1) in which built-in elements such as projections, knuckles, nubs (3) or similar can be found. The opposite-lying region of the channel wall (2) is fully or partially porous. When a liquid flow comprising particles flows through the particle trap, the particles are deflected towards the porous channel wall (2) and adhere thereto. They can subsequently be removed by means of regeneration. The inventive particle trap and associated method can be used to particularly advantageous effect in the exhaust gas line of an internal combustion engine, especially a diesel engine, especially in combination with a soot-filter.

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